

Appendix L – Mini-Release and DST Patch Application

Background: The following changes were implemented as part of the SATERN Mini-Release. Verification and Lessons Learned information has been included as a reference for future upgrades.

Release Application Date: 02/25/2007

Changes to Administration Pages

Update	Update Type	Description
Administration text and links	Text / Link	Assistance for SATERN Administrators: SATERN Information Web site (link to https://saterninfo.nasa.gov/training_materials.html for the SATERN Rules and Process Guide, training materials and job aids. satern-administrators@lists.nasa.gov – The SATERN Administrator ListServ is a community of all Levels of SATERN Administrators to ask questions and get advice from your peers. (Place before or after help desk paragraph)
Environment warning	Text	Remove the following: "You are logged into the Production environment"

Changes to Learner Pages

Update	Update Type	Description
Direct link to SATERN Tutorial	Link	Direct link to SATERN Tutorial on Login and Home pages
Environment warning	Text	Remove the following: "You are logged into the Production environment"
Add Safari to browser warning	Text	Add "(and Safari)" to browser warning
Additional Welcome to SATERN text	Text / Link	Over the coming months, additional functionality will be added. Find out more information on the <u>SATERN Informational Web site</u> (link to https://saterninfo.nasa.gov) or contact your Center training office.

Miscellaneous Page Changes

Update	Update Type	Description
NASA Logo	Logo	Update to new logo
External Training Request Page	Text	Removed "Offsite and" from the directions

ROMs

ROM Number	Description
13B	Provides copy function that allows the learner to copy and re-submit an external training request that was previously submitted. Changes the approval process and signature blocks to Supervisor/Training Coordinator/Training Office/NSSC Procurement.
14	Org ID – Approval Screen
15	Org ID – Registration Tab
18	Ability to edit all 22 scheduled offering custom fields per learner on the Registration Tab of the scheduled offering.

Upgrade Verification Items / Lessons Learned

Item	Description
Customized Labels	Labels are to be backed up and reloaded after upgrade.
System Admin Configuration XML Files	Files are to be backed up and then merged after upgrade while resolving conflicts.
REPORTS_SYSTEM	Pointer to directory to store generated reports on the server and pointer to default fonts.
Notifications Templates	Notifications are to be backed up and reloaded after upgrade.
Question Import Utility	Requires the placement of 2 additional files on each application server.
Custom Reports	Custom Reports need to back up configurations and definitions <ul style="list-style-type: none">After replacing the missing contents, need to “Apply Changes” on each application server before running for the first time.
Customized Search Selectors	Customized search selectors default to the original settings after upgrade and must be modified.
Plateau Upgrade Scripts	<ul style="list-style-type: none">.sh scripts required modificationsLMS_ADMIN XML used in the upgrade scripts needed to be modified to include the correct encryption algorithm to match the LMS

DST Patch Application

Background: The Energy Policy Act of 2005 called for the extension of Daylight Saving Time by approximately 4 weeks by modifying the start and end times. Software / OS patches were required to comply with the extension.

Patch Application Date: 03/04/2007¹

Environment	Patch Data	Restart Required	Information
Solaris 8	<ul style="list-style-type: none">• 109809-06, SunOS 5.8: Time zone data patch• 108993-52, LDAP2 client, libc, libthread and libnsl libraries patch	Y	
Solaris 9	<ul style="list-style-type: none">• 113225-08, SunOS 5.9: Time zone commands and zoneinfo database update patch• 112874-33, libc patch	Y	Patch should be applied in single-user mode.
Solaris 10	<ul style="list-style-type: none">• 122032-04, SunOS 5.10: Update Time zones patch• 119689-07, libc.so.1 patch	Y	
Windows	<ul style="list-style-type: none">• KB931836	N	
Sun Java 1.4 or later	<ul style="list-style-type: none">• TZUpdater tool	Y	
Plateau ²	<ul style="list-style-type: none">• N/A	N/A	No special update is required, updating the underlying JRE, OS and database is sufficient

¹ Sun JRE patches were reapplied on 03/05/2007 using the backwards compatibility command to ensure the legacy time zones were supported. Additional information regarding the alert Sun distributed can be found at <http://java.sun.com/developer/technicalArticles/Intl/alert.html>.

² Plateau has since stated that they will be releasing data conversions scripts to accomplish the following:

1. One script will go through all of the applicable data in your system and re-set any time-zone value from the three-digit value to an equivalent value. For example, it will change 'MST' to 'America/Denver'.
2. The other script will remove access by the user community to the various three-digit time-zones so that no one will be able to re-select them in the future.